

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

TENTATIVE

**ORDER NO. R9-2004-0389
MONITORING AND REPORTING PROGRAM**

FOR

**DS WATERS OF AMERICA, LP
LAKESIDE BOTTLING PLANT
SAN DIEGO COUNTY**

A. MONITORING PROVISIONS

1. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in Order No. R9-2004-0389 or in this Monitoring and Reporting Program and, unless otherwise specified, before the monitored flow joins or is diluted by any other waste stream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of this Regional Board.
2. Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than ± 5 percent from true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:
 - a. "A Guide to Methods and Standards for the Measurement of Water Flow," U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 421, May 1975, 96 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by SD Catalog No. C13.10:421.)
 - b. "Water Measurement Manual," U.S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. (Available from the U.S. Government Printing Office, Washington D.C. 20402. Order by Catalog No. 172.19/2:W29/2, Stock No. S/N 24003-0027.)

3. Monitoring must be conducted according to United States Environmental Protection Agency (USEPA) test procedures approved under Title 40, United States Code of Federal Regulations (CFR), Part 136, *Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act* as amended, unless other test procedures are specified in Order No. R9-2004-0389 and/or in this Monitoring and Reporting Program and/or by this Regional Board.
4. Monitoring results must be reported on forms approved by this Regional Board, and must be submitted to the Regional Board at the addresses listed in *Reporting Requirements D.8*, of Order No. R9-2004-0389.
5. If the discharger monitors any pollutant more frequently than required by Order No. R9-2004-0389 or by this monitoring and reporting program, using test procedures approved under 40 CFR Part 136, or as specified in Order No. R9-2004-0389 or this Monitoring and Reporting Program or by this Regional Board, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharger's monitoring report. The increased frequency of monitoring shall also be reported.
6. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by Order No. R9-2004-0389 and this Monitoring and Reporting Program, and records of all data used to complete the application for Order No. R9-2004-0389, for a period of at least five years from the date of the sample, measurement, report, or application. This period may be extended by request of this Regional Board at any time.
7. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in Order No. R9-2004-0389 or this Monitoring and Reporting Program.
8. All analyses shall be performed in a laboratory certified to perform such analyses by the California Department of Health Services or a laboratory approved by this Regional Board.
9. The discharger shall report all instances of noncompliance not reported under *Reporting Requirements D.6*, of Order No. R9-2004-0389 at the time monitoring reports are submitted. The reports shall contain the information listed in *Reporting Requirements D*, of this Order R9-2004-0389.
10. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;

- e. The analytical techniques or methods used; and
 - f. The results of such analyses.
- 11. All monitoring instruments and devices used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy. All flow measurement devices shall be calibrated at least once per year to ensure continued accuracy of the devices.
 - 12. Monitoring results shall be reported at intervals and in a manner specified in Order No. R9-2004-0389 or in this Monitoring and Reporting Program.
 - 13. This monitoring program may be modified by this Regional Board, as appropriate.

B. EFFLUENT MONITORING

- 1. The discharger shall sample and analyze the wastewater in the surface impoundment for the following constituents:

Table 3. Effluent Monitoring Requirements

Constituent	Units	Sample type	Analysis Frequency	Reporting Frequency
Flowrate	mgd	Continuous	Continuous	Quarterly
Total Dissolved Solids	mg/L	Grab	Monthly	Quarterly
pH	units	Grab	Monthly	Quarterly
Chloride	mg/L	Grab	Monthly	Quarterly
Sulfate	mg/L	Grab	Monthly	Quarterly

Note: mgd = million gallons per day * = within these limits at all times mg/L = milligrams per liter

- 2. The discharger shall sample and analyze the groundwater from the four monitoring wells for the following constituents:

Table 4. Monitoring Requirements for Groundwater (Wells 1 – 4)

Constituent	Units	Sample type	Analysis Frequency	Reporting Frequency
Total Dissolved Solids	mg/l	Grab	Quarterly	Semi-Annual
Chloride	units	Grab	Quarterly	Annual
Sulfate	mg/l	Grab	Quarterly	Annual

- 3. Each surface impoundment location shall be qualitatively evaluated each quarter and reported quarterly. The qualitative evaluation shall include a narrative description of any

erosion, sediment deposition, or other impacts to vegetation or wildlife in the vicinity of the respective discharge.

Core Monitoring

4. To determine compliance with water quality standards, the receiving water quality monitoring program must document conditions in the vicinity of the receiving water discharge points, at reference stations, and at areas beyond the immediate vicinity of the discharge points where discharge impacts might reasonably be expected. Monitoring must reflect conditions during all critical environmental periods.

Regional Watershed Monitoring

5. The discharger shall participate and coordinate with state and local agencies and other dischargers in the San Diego region in development and implementation of a Regional Watershed Monitoring Program for the San Diego River Watershed as directed by this Regional Board. The intent of a Regional Watershed Monitoring Program is to maximize the efforts of all monitoring partners using a cost-effective monitoring design and to best utilize the pooled resources of the region. During a coordinated watershed sampling effort, the discharger's sampling and analytical effort may be reallocated to provide a regional assessment of the impact of discharges to the watershed.

Strategic Process Studies

6. Special studies are intended to be short-term and designed to address specific research or management issues that are not addressed by the routine core monitoring program. The dischargers shall implement special studies as directed by the Regional Board

C. ANNUAL SUMMARY REPORT

The discharger shall submit an Annual Report that includes tabular and graphical summaries of the data collected for the reporting calendar year.

D. MONITORING AND REPORTING SCHEDULE

Monitoring reports shall be submitted to this Regional Board according to the dates in Table 5, *Monitoring and Reporting Schedule*.

Table 5. Monitoring and Reporting Schedule.

Reporting Frequency	Report Period	Report Due
Quarterly	January through March	May 1
Quarterly	April through June	August 1
Quarterly	July through September	November 1

Reporting Frequency	Report Period	Report Due
Quarterly	October through December	February 1
Semi-Annually	January through June	August 1
Semi-Annually	July through December	February 1
Annually	January through December	February 1

Ordered by Tentative
JOHN H. ROBERTUS
Executive Officer

Date: December 8, 2004